Good Sirm Headed the Herd in Which This Animal Was Raised.

| object should be to produce as many (By WILLIAM G. CHRISMAN.) The selecting of the head of a herd is a question which deserves much fixed characteristics: uniformity of more thought and consideration than the average farmer thinks when the lities and color markings. The nearer subject first presents itself; and yet It is one of the most important questions with which the breeder has to Why?

Because the sire is the foundation upon which the herd is built; just as no good structure can be erected without a firm foundation, neither can a good herd be established without a good sire at its head.

In selecting a head for your hard, the record must be closely examined. not only of this particular animal, but also the record of his sire and dam for generations. If he is an animal of good type, possessing the characteristics peculiar to his breed, and has well-established blood lines, you can feel pretty well assured that he will transmit these characteristics to his offspring.

Since the male represents exactly one half of the foundation of the herd, it is much cheaper, from a business standpoint, to purchase and maintain one good animal that represents so much blood of the herd and has such a marked power or influence upon the characteristics of such a large number of animals.

In raising animals of any kind one of raising.

ESSENTIAL TO KEEP

One of Most Important Things Is

to Stop Leaks and Get Rid

of the Boarders.

A large part of the profits in hog

raising depends on the thrift and

one that is kept thrifty and growing.

One of the most important problems

the leaks and get rid of the boarders,

and Breeze. Going out of the hog busi-

ness is not the remedy. It may pre-

vent direct lowes in an occasional

but it will not utilize the feed grown

Pailure to use the feeds available

ALL PIGS THRIFTY

MANY STATES USE CONVICTS

Different Systems of Employing Prison Labor on Public Highway Improvement is Described.

Thirty states at the beginning of the present year had on their statute books laws providing for the employ ment of state prisoners in road building. Arizona, Arkansas, Idaho, Louisi ana, Maryland, Montana, Nevada, Neu Jersey, New Mexico, Chio, Oregon, Virginia and Washington follow practically the same system, providing that the control of this work shall be vested in the state highway commission The highway commission or state en gineer makes requisition for such number of prisoners as he can use effectively, and the prison authorities turn over to him such prisoners as are suitable for the road work.

The prison commission or board of centrel of state institutions is held responsible for the development of



Convicts Building Good Road.

Should Be Depended Upon to Act as Soil Benefactors.

"The legumes as a source of nitrate are rather too slow in action to give health of the herd. The pig that is real immediate profits when used to signified never is so profitable as the produce great money crops." This is the statement made by an advocate of the use of nitrate of soda on American

hog growers have to solve is to stop lice and worms, says Farmers' Mail year such as the past one has been, on the farm and keep up the soil ferbeen used and no legumes grown,

Legumes are our natural nitrate producers. The nitrogen is cheaper, too, to the best advantage is one of the when furnished us in this form. And biggest leaks in the hog business. It yet we should remember sodium ni-Is poor policy to try to raise and fat- trate for its value in getting quick reten hogs on pasture without grain. sults. It is beneficial to almost every The successful farmer will provide crop when applied in the right pasture for his hogo every month in nts and at the right time. For quick results when starting a pasture the year if possible, and he will feed enough grain in addition to the pason poor land, as an application to orture to keep his breeding hogs in good chard soil for hastening fruit, in marcondition. The grain fed ought to ket gardens where crops demand much provide some growth material as well nitrogen, and in many other places as fal-forming material. Loss often is sodium nitrate is indispensable. Such due to a failure to recognize the fact crops as potatoes, garden and truck crops grown in colder sections need quick-acting nitrates in addition to legume nitrogen to push the crops before the organic source is ready.

But on the average extensive farm

ERADICATE INSECTS IN POULTRY FLOCK

that the fattening period with most

hogs is but a continuation of the grow-

ing period, and that the greatest dif-

ference in the rations used during the

two periods should be in the amount

rather than in the kind of feed fed.

Pests Live on Production of Skin and Fragments of Feathers -Recipe for Powder.

It does not take long for lice to give a flock of hens something to think about besides laying eggs. The off-spring from a single pair of lice will in

eight weeks amount to 125,000. These pests live on the production of the skin and fragments of feathers. It is not so much what they get as nowrishment from the fowl that hurts, as the violent itching and pain they cause. They spread rapidly as they The lice from one hen may spread through the entire flock. Lies breed most rapidly is poorly venti- of nitrogen through heating is very lated quarters and on poorly fed, weak great. Under average barnyard con stock. The bird that looks sickly is ditions a loss from 25 to 50 per cent the one most likely to be infested

Provide the flock with a dust bath posed for a few months. and apply the following homemade add enough plaster of paris to take up of moisture to prevent heating, the the liquid and mix thoroughly. Spread loss is supposed to be 10 per cent. but and let dry. If It is too lumpy run through a sleve. Store away in tight Work this powder well into the Smathers, corporative to the Buff and use clean flanks instead of leaving them der the wings. Hepeat In ten days and incrusted with dried manure. make a thorough job of it.

LEGUMES ARE GOOD NITRATE PRODUCERS

as possible of the same general well-

size, style, conformation, general qual-

a lot of animals conform to the same

ideal the higher price they will com-

Just to give an example of a poor

selection of a sim. I will cite a case I saw recently. It was a herd of

swine numbering over two hundred.

There were ten brood sows-no two

the sizes, as I saw several six-months-

old pigs weighed by the butcher who

has on the herd. Had this breeder

ticipated over and above the expense

ted twice a day,

On Average Farm Such Crops

Such a statement should not lead anyone away from the main fact that legames grown with other crops in a field benefit those other grops the first year. The second year the soil itself is much better from having grown the legumes than if nitrate of sods had

let us depend largely upon the legume

UNNECESSARY LOSS IN MANURE HEAPS

Escape of Nitrogen Through Heating Where Piles Are Deep is Considerable.

City manure can be bought more cheaply in some seasons of the year than in others. It is common practice this 5,000 miles were built in 1912 and to throw the carloads of manure in

The chief losses come through heating and leaching when manure is left manure is kept.

Heaps may be made so deep that there is relatively small loss from state aid policy has been in effect to leaching, but in such case the escape any considerable extent. is expected from piles of manure ax-

To one part of grade car, kept under a roof and is hard packed miles of decomposed granite highway helic arid and three parts of gasoline, and is supplied with the right amount will be constructed.

Send your cows to the pasture with then watch the result.



the convict road work in some nine states-Colorado, Indiana, lowa, Kansas, Michigan, Missouri, North Dakota, Oklahoma and Wisconsin. State prisoners are turned over to the county authorities to be worked on the county roads in Florida, Georgia, North Carolina and South Carolina. This system is not approved by the national committee on prisons and prison labor, which holds that the state under no circumstances is justifled in delegating the responsibility for its convict wards to county authorities.

The system in New York state divides the responsibility for the construction work and maintenance of the camps between the state bighway department and the commissioners of the counties in which the roads are to be built, with the state superintendent of prisons in final authority. In Utah, West Virginia and Wyoming the highway department and the prison department co-operate in the conment is fully responsible for the care and discipline of the prisoners, while the road department is called upon to do the work which it is equipped to do, the building of roads.

The committee has found this latter system essential to the successful development of convict road work. The prison department is in a position to care for the prisoners and to handle such matters as food, clothing, housing, medical attention, the affording of educational facilities and recre-

GOOD ROADS ARE INCREASING

United States Leads France in Miles of Improved Highways-State Ald Now in Effect.

According to the Good Roads Year Book of the American Highway association, recently issued, America now has 6,000 miles more of good roads than France, the total for this country now amounting to 31,000 miles. Of about 6,000 in 1914, making a total of large piles to wait for use later on. over one-third of the entire mileage of the good roads of the country.

New Jersey was the pioneer state to exposed. The amount of loss depends provide state aid for public highways, upon the conditions under which the in 1891, and Massachusetts and Connecticut soon followed, but it is only during the last ten years that the

Los Angeles to Improve. Seven million dollars will be expended on the roads of Los Angeles in 1915. Three hundred and twenty-four Even at the best, when manure is miles of concrete boulevard and 100

> Farmer Realizes Value. No other citizen realizes the value of good roads as does the farmer.

Judging a Community. A community can safely be judged by the kind of highways it maintains. The General Says:

Fort sum buy the most discable routing in he world at a prise that is reasonable if you

Roofing

Your head liardware or humber dealer one everyty from white Certa Le-treed Actual to the thind the transporting to the thindrens. Don't shope a embedding of GENERAL ROOFING MFG. CO.



HUBBY HAD NOT FORGOTTEN

Was Right There With Wedding An niversary Present, and Yet Wife Was Not Pleased.

Her heart was breaking. It was her birthday. She had been married only four years, but he-her husband-had forgotten her birthday already. That morning he had given her no present; not even an extra kiss before rushing off to town.

Presently there was the sound of a key turning in the lock. Into the room came her husband. Still she

He bent over her and whispered as he dropped a tiny parcel into her lap: "Many bappy returns, darling!"

Her heart was mended. She sprang to her feet and seized him in a frantic grasp as she realized that, after all, be still loved her. Then she opened the parcel.

"Pipe cleaners!" she gasped, as she displayed a little bundle of feathers. "Yes, sweetheart," said the man. "I knew that they'd please you, as you object to my using your bairpins!"

Such a Long Time Ago. He had just reached the philo sophical stage when he slipped into a restaurant between bars for a bit to eat. He ordered. Then he sat staring ahead, quietly thoughtful in expression, and waited,

It is admitted he did some waiting. What happened to his order couldn't be understood outside the peculiar convolutions of a restaurant kitchen, but he spent half an hour sitting there staring ahead of him.

At last it came, As the waitress put the order before him he started from his deep study, as if he had forgotten he had an order coming. Then, looking up at the fair transporter of edibles, he said:

"You don't look a day older!"-Pittaburgh Chronicle Telegraph.

Horses in Iceland are shod with sheep horn and those in the Sudan are fitted with camel-skin socks.

Laudable. "What is your idea in reorganizing

"I want to put it on a sound basis." sistent than otherwise.

Thickne Plane Along. The baggage master halted the famly party and politely explained that under the new law the value of the

contents of each trunk must be given. After a brief consultation with her daughter, mamma pointed to her own trunk and said: "Please put this one down as containing one thousand dollarn' worth of personal belongings. This one," indicating her daughter's trunk, "you may put down for eight

"How about this little one?" saked the baggage master, resting his heel on its top.

"Oh, that!" replied the lady contemptuously. "Ten or twelve dollars will cover that one."

"I see," returned the official. "Father's going along too."

Poor Father! "When I was a boy," said the head of the family, "I had to wear my father's old clothes made over."

"That's all right, dad," answeard his son. "I've got a couple of old sults you can have."

To Drive Out Malaria

It was late afternoon and time to get her husband's supper, but the woman sitting moudily by the fire never moved.

Her heart was breaking.

Take the Old Standard GROVE'S TASTELESS chill TONIC. You know what you are taking, as the formula is printed on every label, showing it is Quinine and Iron in a tastelem form. The Quinine drives out malaria, the Iron builds up the system. 50 cents. Adv.

Calm Resignation.

Reference having been made to eautiful resignation, Congressman Joseph J. Russell recalled an approprinte story. During a dinner party some time

ago, the congressman said, the topic turned to the connubial state. Among the guests was a bachelor person, "Speaking of marriage," eventually remarked the bachelor, "It seems that the longer a man is married--"

"The happier he is," impulsively broke in a spinster party with a hopeful glance at the other.

"I was going to say," resumed the bachelor, disregardingly, "that the fresh, a peculiarity of nature which longer a man is married the less he has puzzled scientists. It seemed too bad to deprive the place of seashors

Ready to Risk It.

"Mr. Jones wants a windy-pane twilve inches be fourteen," remarked young Patrick Mullrooney, entering the glazier's shop. In the shop was a smart young as-

sistant who wanted to have a joke with | ing apparatus" down there. Pat. "Haven't any that size," he replied

gravely. "Will one fourteen inches by twelve do?" Pat looked thoughtful for a minute.

Then he replied: "He's wantin' it at once, and this is the only shop in town. Give me wan o' thim. P'rhaps if we put it in sideways no one will notice."

Generally speaking, a crank is a man with an enthusiasm for some particular form of idiocy.

When an old man falls in love he is entitled to a lot more sympathy than he gets.

The easy going taxi lands a lot more money than the average racehorse.

A woman would rather be incon

Look For This Name -it's a quality mark for exception-ally good table dainties. Our Manzauilla and Quest Olivas, plain or stuffed, are from the famous olive goves in Spain. Libby's Sweet, Sour and Dill Pickles are pirposet and firm. Your summer meals and penic baskets are not conplate without them. Instat on Libby's et your grocer's. Libby, M!Neill & Libby Chicago

VICTIM OF CRUEL DECEPTION

Fair Seaside Visitor Satisfied She Had Seen Ramarkable "Government Salting Apparatus."

They were passing the holiday at Onset and during the course of the sunny afternoon took a stroll on the beach. At one point they came upon an improvised breakwater, where some resident had filled bage with sand and piled them in breastworks fashion to prevent the sea from encroaching upon his land during the stormy season.

One of the young ladies was curlous immediately. She would know what the bags were for.

"Why, it's very simple," explained her companion with due gravity. "The water in Onset bay originally was fresh, a peculiarity of nature which advantages so the government took the matter in hand, filled the bags with salt and thereby has imparted

the proper flavor to Onset water." Far from rebuking him for being 'fresh," she is now telling her friends of having seen the "government salt-

The young man was rather slow. So the girl thought it time to give

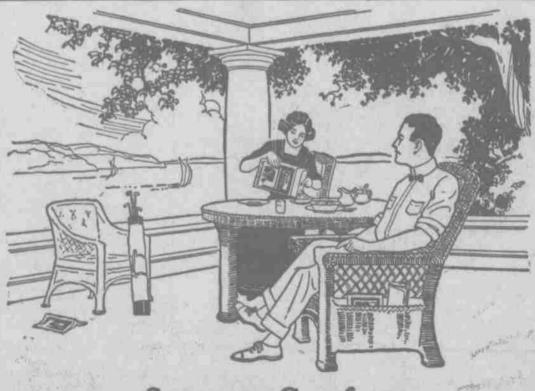
him a hint. "Gracious," she exclaimed suddenly, "I've bruised my lip! Do you know, Mr. Jenkins, my mother always used to kiss a hurt place to make it well?" "And did it do any good?" asked

the young man, failing to see the point "I don't remember," replied the girl, getting desperate; "but those old-fashfoned remedies are sometimes very

Then he got busy,

O, Swear Not by the Moon, Romeo was swearing by the moon. "Nothing doing," protested Juliet, the moon is a dead one."

Marriage is a lottery in which the prise-winners draw alimony,



Summer Comfort

is wonderfully enhanced when rest and lunch hour unite in a dish of

Post Toasties

There's a mighty satisfying flavour about these thin wafery bits of toasted corn.

So easy to serve, too, on a hot day, for they're ready to eat right from the package—fresh, crisp, clean. Not a hand touches Post Toasties in the making or packing.

Served with cream and sugar, or crushed fruit, they are delicious.